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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Application of:

PHILLIPS et al. )  
Serial No: 09/442,685 )  
Filed: November 18, 1999 )  
For: BUNDLES OF FIBERS USEFUL )  
FOR MOVING LIQUIDS AT HIGH )  
FLUXES AND ACQUISITION/ )  
DISTRIBUTION STRUCTURES THAT )  
USE THE BUNDLES )

Charlotte, North Carolina, April 17, 2000

Assistant Commissioner for Trademarks  
Washington, DC 20231

**SUBSTITUTE POWER OF ATTORNEY**

Sir:

Clemson University Research Foundation, the owner of the above-referenced U.S.

Patent and the patents and patent applications in SCHEDULE A, attached hereto, by assignment from Eastman Chemical Company, a Delaware Corporation, hereby revokes any and all previous Powers of Attorney in this application and hereby appoints all members, the Attorneys and Patent Agents of the firm of Kennedy, Covington, Lobdell & Hickman, L.L.P., as identified by **Customer Number 021878** in the records of the U.S.

Patent and Trademark Office and as updated from time to time, to prosecute patent applications on its behalf, make alterations and amendments therein, to receive the certificate of registration, and to transact all business in the Patent and Trademark Office connected therewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231.

5/18/2000 Marcia Siuda  
Date Marcia Siuda

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All correspondence should be directed to:

**Susan S. Jackson**  
**Kennedy Covington Lobdell & Hickman, L.L.P.**  
**Bank of America Corporate Center, Suite 4200**  
**100 N. Tryon St.**  
**Charlotte, NC 28202-4006**

The telephone number is (704)331-7400 and the facsimile number is (704)331-7598.

This original Substitute Power of Attorney is to be located in the file of the above captioned patent. The owner, Clemson University Research Foundation, authorizes the public to inspect and copy the original Substitute Power of Attorney in the event one of the applications containing a copy matures into or is a patent, and the application containing the original paper is pending or has become abandoned. Copies of said original Substitute Power of Attorney are to be located in the files of the patents and patent applications in SCHEDULE A, and copies of said original are enclosed herewith for each of the files of the referenced patents and patent applications cited in the attached schedule.

Clemson University Research Foundation

Date: 4/18/2000

EDWARD W. PAGE

By: Edward W. Page

Title: 4/18/2000

DIRECTOR OF TECH. TRANSFER &  
EXECUTIVE DIRECTOR OF THE  
CLEMSON UNIVERSITY RESEARCH  
FOUNDATION



## SCHEDULE A

United States Patents Assigned to Clemson University Research Foundation

Patent No.	Issue Date	Title
4,707,409	11/17/1987	SPINNERET ORIFICES AND FOUR-WING FILAMENT CROSS-SECTIONS THEREFROM
4,842,792	06/27/1989	DRAFTING PROCESS FOR PREPARING A MODIFIED POLYESTER FIBER
4,954,398	09/04/1990	MODIFIED GROOVE POLYESTER FIBERS AND PROCESS FOR PRODUCTION THEREOF
4,996,107	02/26/1991	INK RESERVOIR CONTAINING MODIFIED POLYESTER FIBERS
5,006,057	04/09/1991	MODIFIED GROOVE POLYESTER FIBERS AND SPINNERET FOR PRODUCTION THEREOF
5,124,205	06/23/1992	INK RESERVOIR CONTAINING MODIFIED POLYESTER FIBERS
5,268,229	12/07/1993	SPINNERET ORIFICES AND FILAMENT CROSS-SECTIONS WITH STABILIZING LEGS THEREFROM
5,346,422	09/13/1994	TOY ARTICLES OF MANUFACTURE COMPRISING SPONTANEOUSLY WETTABLE FIBERS
5,414,248	05/09/1995	GREASE AND MOISTURE ABSORBING INSERTS FOR MICROWAVE COOKING
5,496,627	03/05/1996	COMPOSITE FIBROUS FILTERS
5,611,981	03/18/1997	PROCESS OF MAKING FIBERS
5,648,142	07/15/1997	PERFORATED FILMS HAVING CHANNELS WITH CUTOUT PORTIONS CAPABLE OF SPONTANEOUS FLUID INVERSION
5,723,159	03/03/1998	SPINNERETS FOR MAKING FIBERS CAPABLE OF SPONTANEOUSLY TRANSPORTING FLUIDS

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<b>Patent No.</b>	<b>Issue Date</b>	<b>Title</b>
5,731,248	03/24/1998	INSULATION MATERIAL
5,753,166	05/19/1998	PROCESS OF MAKING A NON-CIRCULAR CROSS-SECTIONAL FIBER
5,800,897	09/01/1998	AIR FRESHENER COMPOSITION CONTAINING A FIBER PAD
5,837,625	11/17/1998	INSULATION MATERIAL
5,855,798	01/05/1999	FIBERS CAPABLE OF SPONTANEOUSLY TRANSPORTING FLUIDS
5,972,505	10/26/1999	FIBERS CAPABLE OF SPONTANEOUSLY TRANSPORTING FLUIDS
5,977,429	11/02/1999	SYNTHETIC POLYESTER ABSORBENT MATERIALS



## SCHEDULE A

United States Patent Applications Assigned to  
Clemson University Research Foundation

Application No.	Filing Date	Title
303,859	05/03/1999	SYNTHETIC POLYESTER ABSORBENT MATERIALS
303,982	05/03/1999	SYNTHETIC POLYESTER ABSORBENT MATERIALS
304,494	05/03/1999	SYNTHETIC POLYESTER ABSORBENT MATERIALS
383,027	02/02/1995	ABSORBENT HEAD BAND
439,744	11/15/1999	BUNDLES OF FIBERS USEFUL FOR MOVING LIQUIDS AT HIGH FLUXES AND ACQUISITION/DISTRIBUTION STRUCTURES THAT USE THE BUNDLES
441,100	11/16/1999	BUNDLES OF FIBERS USEFUL FOR MOVING LIQUIDS AT HIGH FLUXES AND ACQUISITION/DISTRIBUTION STRUCTURES THAT USE THE BUNDLES
441,846	11/17/1999	BUNDLES OF FIBERS USEFUL FOR MOVING LIQUIDS AT HIGH FLUXES AND ACQUISITION/DISTRIBUTION STRUCTURES THAT USE THE BUNDLES
442,685	11/18/1999	BUNDLES OF FIBERS USEFUL FOR MOVING LIQUIDS AT HIGH FLUXES AND ACQUISITION/DISTRIBUTION STRUCTURES THAT USE THE BUNDLES
444,692	11/22/1999	BUNDLES OF FIBERS USEFUL FOR MOVING LIQUIDS AT HIGH FLUXES AND ACQUISITION/DISTRIBUTION STRUCTURES THAT USE THE BUNDLES

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<b>Application No.</b>	<b>Filing Dat</b>	<b>Title</b>
447,687	11/23/1999	BUNDLES OF FIBERS USEFUL FOR MOVING LIQUIDS AT HIGH FLUXES AND ACQUISITION/DISTRIBUTION STRUCTURES THAT USE THE BUNDLES
912,608	08/18/1997	BUNDLES OF FIBERS USEFUL FOR MOVING LIQUIDS AT HIGH FLUXES AND ACQUISITION/DISTRIBUTION STRUCTURES THAT USE THE BUNDLES

**COPY**

RECORDATION FORM COVER SHEET

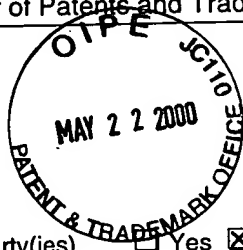
U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

**PATENTS ONLY**

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Eastman Chemical Company**



Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: **March 31, 2000**

2. Name and address of receiving party(ies):

Name: **Clemson University Research Foundation**

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

**P.O. Box 946**

City: **Clemson** State: **SC** ZIP: **29633**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

303,859 filed 05/03/1999  
303,982 filed 05/03/1999  
304,494 filed 05/03/1999  
383,027 filed 02/02/1995

B. Patent No.(s)

Additional numbers attached? ☒ Yes ☐ No

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5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Susan S. Jackson**

Internal Address: \_\_\_\_\_

**Kennedy Covington Lobdell & Hickman, LLP**

Street Address: **4200 Bank of America Corporate Center**

**100 North Tryon Street**

City: **Charlotte** State: **NC** ZIP: **28202**

6. Total number of applications and patents involved: **11**

7. Total fee (37 CFR 3.41):.....\$ **440.00**

- ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
☐ Authorized to be charged to deposit account

8. Deposit account number:

**18-1215**

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

**Susan S. Jackson, Reg. No. 41,302**

Name of Person Signing

*Susan S. Jackson*

Signature

*April 20, 2000*

Date

6

Total number of pages including cover sheet, attachments, and document:

Additional Patent Applications Assigned to Clemson University Research Foundation

<u>Application No.</u>	<u>Filing Date</u>
439,744	11/15/1999
441,100	11/16/1999
441,846	11/17/1999
442,685	11/18/1999
444,692	11/22/1999
447,687	11/23/1999
912,608	08/18/1997

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## ASSIGNMENT

WHEREAS, EASTMAN CHEMICAL COMPANY, a Delaware corporation having an office at 100 North Eastman Road, Kingsport, Tennessee 37660, is the owner of the entire right, title and interest in United States Patent Applications listed on Schedule A (attached) and the respective inventions disclosed therein;

AND WHEREAS, CLEMSON UNIVERSITY RESEARCH FOUNDATION, a non-profit institution organized under the laws of the State of South Carolina, having a place of business at P. O. Box 946, Clemson, South Carolina, 29633-0946, United States of America, is desirous of acquiring the entire right, title and interest in and to said United States Patent Applications and respective inventions disclosed therein.

NOW, THEREFORE, for and in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, said EASTMAN CHEMICAL COMPANY has sold, assigned and transferred, and does hereby sell, assign and transfer to said CLEMSON UNIVERSITY RESEARCH FOUNDATION, said United States Patent Applications and the inventions of the foregoing, the same to be held and enjoyed by CLEMSON UNIVERSITY RESEARCH FOUNDATION for its own use and enjoyment and the use and enjoyment of its successors, assigns or other legal representatives, to the end of the term or term for which said patents are granted or reissued or extended as fully and entirely as the same would have been held and enjoyed by EASTMAN CHEMICAL COMPANY if this assignment and sale had not been made, as assignee of the entire right, title and interest therein and in and to all income, royalties, damages and payments now or hereafter due or payable with respect thereto in and to all causes of action (either in law or in equity) and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment.

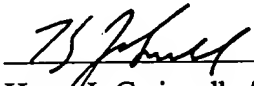
EASTMAN CHEMICAL COMPANY covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreements inconsistent herewith.

**COPY**

IN TESTIMONY WHEREOF, EASTMAN CHEMICAL COMPANY has caused this Assignment to be executed by its duly authorized officers this 31 day of March, 2000.

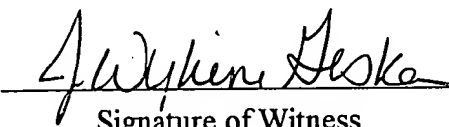
EASTMAN CHEMICAL COMPANY

[seal]

  
\_\_\_\_\_  
Harry J. Gwinnell, Assistant Secretary and  
Assistant General Counsel

ATTESTATION OF WITNESS

I, J. Wyliene Geska, whose full post office address is 443 Andover Court, Kingsport, Tennessee 37663 U.S.A. was personally present and did see Harry J. Gwinnell, who is personally known to me, execute the above assignment.

  
\_\_\_\_\_  
Signature of Witness

**COPY**